

ABSTRACT OF THE DISCLOSURE

A display device, comprising: display elements formed in vicinity of intersections of signal lines and scan lines aligned vertically and horizontally; image pickup units provided corresponding to each of the display elements by at least one piece, each converting incident radiation at predetermined range into an electric signal; electric charge accumulators which accumulate the electric charge in accordance with the electric signal converted by the image pickup units; and signal processing unit which generates digital image data corresponding to image picked up by the image pickup unit, based on accumulated electric charge of the electric charge accumulator for each of a plurality of image pickup conditions.